

Serial No.: To Be Assigned

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jacinavicius, et al.

Examiner: Unknown

Serial No.: To Be Assigned

Group Art Unit: To Be Assigned

Filed: February 24, 2004

Docket No.: 01915.0002-US-01

Title: METHOD FOR PRODUCING A PULSED LASER BEAM

CERTIFICATE UNDER 37 C.F.R. 1.10:

'Express Mail' mailing number: EL 984583546 US

Date of Deposit: February 24, 2004

The undersigned hereby certifies that this Transmittal Letter and the paper or fee, as described herein, are being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

By:


Cheryl L. Millman

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT UNDER
37 C.F.R. §1.97(b)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant(s) respectfully submit(s) the items of information on the enclosed Form 1449 for the attention of the Examiner in the above-identified application.

This Information Disclosure Statement is being filed within three months of the filing of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d); within three months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491 in an international application; before the mailing date of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. 1.114. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of documents I – O listed on the enclosed Form 1449 are enclosed in accordance with 37 C.F.R. §1.98(a)(2). Copies of the other listed documents are not provided pursuant to the Office waiver as set forth in the Notice of July 11, 2003 entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003."

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103. In addition, Applicant(s) do(es) not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended, and reserve the right to establish otherwise under 37 C.F.R. §1.131 or others.

Consideration of the items listed is respectfully requested. According to M.P.E.P. §609, Applicant(s) request(s) that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

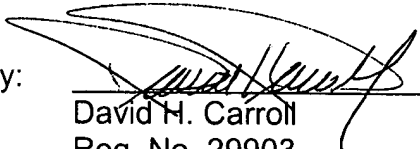
Authorization is hereby given to charge any additional fees or credit any overpayments that may be deemed necessary to Deposit Account Number 50-1038.

Respectfully submitted,

Altera Law Group, LLC
Customer No. 22865

Date: February 24, 2004

By:



David H. Carroll
Reg. No. 29903
DHC/mar

INFORMATION DISCLOSURE STATEMENT PTO Form 1449		Docket Number 01915.0002-US-01		Serial Number To Be Assigned				
		Applicant(s) Jacinavicius et al.						
		Filing Date February 24, 2004		Group Art Unit Unknown				
U.S. PATENT DOCUMENTS								
EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (IF APPROPRIATE)	
	A	3,586,997	06/22/71	Kinsel				
	B	3,978,429	08/31/76	Ippen, et al.				
	C	4,019,156	04/19/77	Fountain, et al.				
	D	4,435,809	03/06/84	Tsang, et al.				
	E	4,665,524	05/12/87	Cotter				
	F	5,014,277	05/07/91	Van Driel, et al.				
	G	5,449,645	09/12/95	Borrelli, et al.				
	H	6,466,604	10/15/02	Kopf				
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS								
	I	A.E. Siegman, <i>Lasers</i> (University Science Books, 1986), pp. 1041-1061.						
	J	J.A. Fleck, Jr., "Origin of short-pulse emission by passively switched lasers", J. Appl. Phys. 39 , 3318-3327 (1968).						
	K	P. Heinz, M. Fickenscher and A. Laubereau, "Electro-optic gain control and cavity dumping of a Nd:Glass laser with active-passive mode-locking", Optics Comm. 62 , 343-347 (1987).						
	L	K. Wundke, S. Pötting, J. Auxier, A. Schülzgen, N. Peyghambarian and N.F. Borrelli, "PbS quantum-dot-doped glasses for ultrashort-pulse generation", Appl. Phys. Lett. 76 , 10-12 (2000).						
	M	G. Tamulaitis, V. Gulbinas, G. Kodis, A. Dementjev, L. Valkunas, I. Motchalov and H. Raaben, "Optical nonlinearities of glass doped with PbS nanocrystals", J. Appl. Phys. 88 , 178-182 (2000).						
	N	A.M. Malyarevich, V.G. Savitski, P.V. Prokoshin, N.N. Posnov, K.V. Yumashev, E. Raaben and A.A. Zhilin, "Glass doped with PbS quantum dots as a saturable absorber for 1-µm neodymium lasers", J. Opt. Soc. Am. B 19 , 28-32 (2002).						
	O	V.G. Savitski, N.N. Posnov, P.V. Prokoshin, A.M. Malyarevich, K.V. Yumashev, M.I. Demchuk, A.A. Lipovskii, "PbS-doped phosphate glasses saturable absorbers for 1.3-µm neodymium lasers", Appl. Phys. B 75 , 841-846 (2002).						

Examiner:	Date Considered:
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